

Search for Methods of Specific Prophylaxis
for Betulism of Cattle and Sheep, by M. D.
Polykovskiy, A. V. Lyaushkin.

RUSSIAN, per, Trudy Vses Inst Eksper Vet, Vol
1961, pp 399-410. *9209756*

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USDA Tr V-1805

Sci - Biol & Med Sci
Jul 63

236232

Isolation of the Anthrax Bacteriophage and Its
Utilization for the Differential Diagnosis of
Bac. Anthracis, by A. Ya. Meshcheryakov.

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Vol XLVI, 1962, pp 46-57.

*USDA

OTC 5-1-62

Sci - Biol
16 Aug 62
List 96

Present Scientific Data on African Swine
Fever, by Ya. R. Kovalenko.
RUSSIAN, per, Trudy Vsesoyuznyi Institut
eksperimental'noi Veterinarii, Vol 29,
1962, pp 177-199. 9232135
OSDA Tr V-1981

USSR
Sci/Agr
Feb 66

296,236

Effect of Radiation on Dynamics of Protein
Metabolism and Morphological Blood Indices
in Swine Sick with African Fever, by

A. I. Vertunov.

RUSSIAN, per, Trudy Vsesoyuznyi Institut
Experimental'noi Veterinari, Vol 29,

1962, pp 200-208. 9232134

USDA Tr V-1980

USSR

Sci/Agr

Feb 66

Histological Changes in African Swine
Fever, by V. Ya. Davydov.
RUSSIAN, per, Trudy Vsesoyuznyi Institut
Eksperimental'noi Veterinari, Vol 29,
1962, pp 209-216. 9232136
USDA Tr V-1982

SSR
Sci/Agr
Feb 66

296,235

The Position of the Piroplasma in the
System of the Protozoa, by E. M. Kheisin,
20p.

RUSSIAN, per, Trudy, Vsesoyuznyi Institut
Experimental'noi Veterinariii, Vol 28,
1963, pp 40-50.
OTS TR-6-19887

333, 646

Sci
Jul 67

Development of Theileria Sargenti Yakimoff et
Dakhtereff, by V.I. Laptsev.
RUSSIAN, per, Trudy Vsesoyuznyi Inst Eksper
Veter, 1963, vol. 28, pp.124-128.
OTS-IT-647-19850

Agric
Aug 66

307,722

Improved Method of Preparing Anaplasmosis
Antigen, by N. Stepanova, A. Malakhov.
RUSSIAN, per, Trudy Vsesoyuz Inst Eksp Vet
No 28, 1963, pp 18-215
CSIRO/Rd 6910

Sci -

Jul 67

334,975

Duration of Immunity and Carriage of
Piroplasms in Animals Recovered From
Piroplasmosis, by N. A. Kolabskii.
RUSSIAN, per, Vsesoyuznyi Institut
Ekspperimentalnoi Veterinariii. Trudy,
Vol 28, 1963, pp 170-176.
NTC 72-10153-02E

Apr 72

Role of the Tick Rhipicephalus Bursa Can. et Fanz,
1877 in Transmitting the Agent of Bovine Anaplasmosis,
by O. F. Grobov,
RUSSIAN, per, Trudy Vses Inst Eksp Vet., Vol 28, 1963,
pp 201-206.
*NTIS TT 72-51092

Aug 72

~~EXPERIMENTAL~~

Experimental Use of Difluorotetrachloroethane
to Treat Fascioliasis of Cattle, by H.
Demidov, et al.

RUSSIAN, ~~THE~~ per, Trudy Vses Instituta Gel'mintol
in Skryabina, No 6, 1959, pp 216-220.

A

CSIRO Tr 5415

5361

Sci - Med

Oct 61

171,330

Experimental Study of Flow in Spiral Chambers
of Radial-Axial Turbines, by K. I. Bauman,
16 pp.

RUSSIAN, per, Trudy Vses Inst Gidromash,
No 18, 1954, pp 52-56.
7651

Sci Mus Lib Tr 56/3693

Sci - Physics
May 57 CTS/dex

47,507

Position of the Piroplasms in the System of the
Protozoa, by E. Iheisin.

RUSSELL, 1967, Trudy Vsesoyuz. Inst. E.S.: Vet.

Vol. 26, 1968, pp 40-50

CSIRO/No. 1013

Sci-

July 1967

334-422

Sources of Infection of Pigs by
Metastrongylids, by I. D. Ust'nov.
RUSSIAN, per, Trudy Vsesoyuznogo Institut
Instituta Gel'mintologii, 1963, No 10,
pp 63-67.

III. RTS 2655 (On Loan or Purchase)

CFSTI IT-64-19960

Aug 65

288,862

Comparative Histological and Histochemical
Studies of the Gut of Sexually Mature
Fasciola Hepatica L., 1758, and *Microcoelium*
Lanceatum Stiles et Hassale, by G. K. Reznik.
RUSSIAN, per, Trudy Vsesoyuznyi Institut
Gel'mintologii, USSR, Vol 10, 1964 pp 238-244.
CPBTI TT-65-64391

CSIR 100.7572

Sci-B&M
June 66

303,517

Disinfectant and Sterilising Action of Ethylene
Oxide, by E. Sh. Akopyan.

RUSSIAN, par, Trudy Vsesoyuznogo Instituta Nauchno-
Issledovatel'skogo Veterinarnoi Sanitarii, Vol
22, 1963, pp 48-60.
NLE RIS 2950

Sci.-Chem
Nov 67

345,280

Accounting Scientific-Technical Documentation
as a Basis of Fulfilling Reference-Information
Funds, by A.A. Prikhod'ko. 14 pp.

RUSSIAN, rpt, Vsesoyuznyy Institut Nauchnoy i
Tekhnicheskoy Informatsii. Sozdaniye i Ispol'-
zovaniye Tsentral'nogo Otkrytogo Spravochno-
Informatsionogo Fonda Materialy Nauchno-Tekhn-
icheskogo Soveshchaniya, Moskva, 1964, pp. 55-59.

PTI 0012266

PTI-TT-65-1291

Sci/Asc

Seq 66

309,549

Experience in Introducing Branch UDK Tables on
Machine Construction, by A. A. Leonova. 14 pp.
RUSSIAN, rpt, Vsesoyuznyy Institut Nauchnoy i
Tekhnicheskoy Informatsii. Sozdaniye i Ispol'-
noveniye Tsentral'nogo Otrastlevogo Spravochno-
Informatsionnogo Fonda' Materialy Nauchno-Tekh-
nicheskogo Soveshchaniya, Moskva, 1964, pp 70-75.

P106012266

FTI-IT-65-1291

Sci./Mathematical Sci
Sep 66

309,350

Reference Equipment of the Central Branch
Reference Information Center, by T. D. Grodet-
skaya,

RUSSIAN, rpt, Vsesoyuznyy Institut Nauchnoy i
Tekhnicheskoy Informatsiy, Sostaniye i Ispol'
niyaniye Tsentral'nogo Otrastlevogo Spravochno-
Informatsionnogo Fonda, Materialy Nauchno-
Tekhnicheskogo Soveshchaniya, 1964, pp 74-85.

ITC0126266

ITI-ET-66-255

Sci-Electr * Electr Engr

Production of Refractories From Softfired Grog,
by E. K. Keler, V. P. Zegzhda.

RUSSIAN, per, Trudy Vsesoyuznogo Institut
Ogneuporov, No 19, 1940, pp 41-.

DSIR LLU M.1395
(loan)

Sci - Engr

Oct 60

128,877

Seasonal Dynamics of Cattle Demodacosis and
Experiments in the Treatment of This Invasion,
by D. Polyakov.

RUSSIAN, per, Vses Institut Veterinarnoy
Sanitarii i Ektoparazitologii, Trudy,
No 13, 1958, pp 107-116.

CETRO Tr 5408

171, 3/8

Sci - Med
Oct 61

Morphological Changes in the Skin of Cattle Under
the Effect of Demodex Bovis as a Characteristic
of the Many Processes in the Biology of the
Parasite, by D. Polyakov.

Trushin
RUSSIAN, per, *Trushin* *Trushin* Institut Veterinaroi Sanitarii,
~~Trushin~~, Vol XIV, 1959, pp 34-35.

CSIRO Tr 5409

Sci - Med
Oct 61

Bio Lab T-606-1

R-9154-D
11 Feb 68

Characteristic features of the agri. year 1963-1964 and
their influence on distribution of major pest and
diseases in 1964

By: K. A. MAKAROVA & I. Ya. POLYAKOV

From: Trudy vses Inst. Zashch. Rast. 25:pp5-15 (11 pp)

Russian - est for vis:

Please translate and type 1 camera ready copy.

Please make cover as sample attached. Document can be
cut. T-606-1

Causes Determining the Movement of Some
Species of Internal Trunk Pests in Forest
Areas, by V. N. Stark, 15 pp.

RUSSIAN, per, Trudy Vses Inst Zashchity
Rastenii, No 6, 1954, pp 116-132. 9098530

OTS 60-⁵1014

191,266

Sci - Biol

Aug 62

Stark, V. N.

**THE POSSIBILITY OF CHEMICALLY COMBATING
INTERNAL PESTS IN TRUNKS OF TREES AND
SHRUBS OF THE FOREST-STEPPE ZONE**
(Vozmozhnost' Khimicheskoi Bor'by s Gruppoi
Skrytnostvolovyykh Vreditel' Dereve'ev i Kustarnikov
Lesostepnoi Zony). 1961, 20p. 46 refs. PL-480 Agr.
Order from CTS \$0.50 60-51015

Trans. of Vsesoyuznyi Institut Zashchity Rastenii.
Trudy (USSR) 1954, no. 6, p. 133-150.

DESCRIPTORS: Plants, *Trees, *Pest control,
Forestry, Moths, Beetles, *Insecticides,
*Hexachlorocyclohexanes, *DDT, Forestry.

See also 60-51015

(Agriculture--Plant Cultivation, TT, v. 7, no. 4)

60-51015

- I. Stark, V. N.
- II. PL-480 Agr (60-51015)
- III. National Science Foundation,
Washington, D. C.

Office of Technical Services

Shapiro, V. A. and Kamenkova, K. V.
POSSIBILITY OF COMBINING CHEMICAL TREAT-
MENTS BY DDT WITH ACTION OF PARASITES TO
CONTROL THE SPRING COMPLEX OF INJURIOUS
MOTHS AND BUTTERFLIES IN FOREST PLANTA-
TIONS. [1961] 14p. 27 refs.
Order from CTS or SLA \$1.60 61-23030

Trans. of Vsesoyuznyi [Institute] Zashchity
Rastenii, Trudy] (USSR) 1957, v. 8, p. 99-113.

DESCRIPTORS: *Insectides, DDT, Insects, Hexachloro-
cyclohexanes, Parasites, Ecology, *Forestry, *Pest
control, Moths, Butterflies.

When chemical measures are used without taking their
action on the useful fauna into consideration, crop pro-
tection as a whole can not be guaranteed. This justifies
the statements as to the need for more rational use of
DDT and hexachlorocyclohexane. Treatments with these
(Agriculture-Plant Cultivation, TT, v. 8, no. 3) (over)

61-23030

I. Shapiro, V. A.
H. Kamenkova, K. V.
III. Translations, New York

Office of Technical Services

Results and Perspectives of Work Dealing with
the Study of Pests and Diseases of Field
Protective Forests, by V. N. Stark. 13 pp.
RUSSIAN, per. Trudy Vsesoyuznogo Instituta
Zashchity Rastenii. Vsesoyuznyi Nauchno-
Issledovatel'skii Institut Zashchity Rastenii,
No 8, pp 5-17, 1957.
*CPSTL TT 66-51076

USSR
Sci/Earth Sci
Jun 676

61-15819

Karaseva, E. F.
ROLE OF FOLIAR SUPPLEMENTARY POTASSIUM
FEEDING IN THE PROTECTION OF WHEAT
AGAINST LEAF RUST (Rol' Vnekornevoy Kallynoy
Podkormki v Zashchite Pshenitsy ot Buroy Rzhavchiny)
10 Jan 60, (p. Trans. A-1231.
Order from CTS or SLA \$1.10

I. Karaseva, E. F.
II. Trans-A-1231

Trans. of Vsesoyuznyi Institut Zashchity Rastenii.
Trudy (USSR) 1958, v. 13, p. 62-63. 7232-86

DESCRIPTORS: *Wheat, *Rusts, Plants, Infections,
Resistance, *Potassium.

Investigations showed that potassium foliar supple-
mentary feeding of winter wheat contributes toward an
increase in plant resistance to leaf rust infection and
decreases the viability of fungal uredospores.

(Agriculture--Plant Cultivation, TT, v. 8, no. 2)

Office of Technical Services

Ivakhova, A. A.

FORMULATION OF A MICROBIOLOGICAL METHOD
FOR COMBATING EURYGASTER IN THEIR HIBER-
NATION SITES. [1961] 14p. 20 refs.

Order from OTS or SLA \$1.60

61-16153

Trans. of Vsesoyuznyy [Institute] Zashchity [Rusteni-
Trudy] (USSR) 1958, no. 9, p. 323-340.

DISCRIPTORS: *Triatoma, *Insect control, *Hiber-
nation, *Fungus infections, Microorganisms, Insects,
Risks.

Consideration is given to the conditions for the activity
of pathogenic microorganisms in the places where the
bugs hibernate, the species composition of the causal
organisms, the importance of the physiological state of
the insect, which determines its susceptibility to in-
fection, and some methods of employing pathogenic
(Biological Sciences, TT, v. 7, no. 11) (over)

61-16153

1. Title: Eurygaster
1. Ivakhova, A. A.

Office of Technical Servi

Methods and Results of Hybridization of Cereal Leaf
Rust Forms, by I. A. Shifman.

RUSSIAN, per, Trudy Vses Inst Zashchity Rastenii,
No 10, 1958, pp 137-152. CIA 9042514

USDA

Sci - Biology
Sep 59

97,472

Role of Preceding Plants in the Changed Susceptibility
of Winter Wheat to Leaf Rust, by V. V. Shopina.

RUSSIAN, per, Trudy Vses Inst Zashchity Rastenii,
No 10, 1958, pp 183-192. CIA 9042515

USDA

Sci - Biology
Sep 59

97,473

(RF-1249)

The Problem of Predicting the Appearance of Pests
and Diseases of Agricultural Plants, by I. Ya.
Polyakov, 21 pp.

RUSSIAN, per, Trudy Vses Inst Zash Rast, No 12,
1958, pp 203-219.

JPRS 4297

Sci - GEN Biol

Jan 61

137,731

Chikhach va, Yu. N.
THE USE OF SYSTEMIC INSECTICIDES IN THE
FORM OF GRANULES (K Primeneniyu Insektitsidov
Vnutritsitel'nogo Deistviya v Forme Granul) tr.
by O. Jukov. [1962] 14p. (foreign text included)
9 refs. [CSIRO] Trans. no. 5556.
Order from OTS or SLA \$1.60 62-32237

Trans. of Vsesoyuznyy Institut Zashchity
Rasteniy. Trudy (USSR) 1960, v. 14, p. 201-206.

DESCRIPTORS: Pest control, *Insecticides, Thiols,
Agriculture, *Plants, Fertilizers.

(Agriculture, IT, v. 8, no. 7)

62-32237

- I. Chikhach va, Yu. N.
- II. CSIRO Trans-5556
- III. Commonwealth Scientific
and Industrial Research
Organization (Australia)

Office of Technical Services

Investigation of Steel's Fatigue Resistance, 

RUSSIAN, bk, Trudy Vses Inst Zhel Dor Transporta,
1958, 180 pp.

DSIR Lending Library Unit

(no translation Number given)

Aug 59

(SF-1731)

The Theoretical and Practical Basis of Dry Bacterial
Cultures for the Control of Harmful Rodents, by M. I.
Prokhorov, 10 pp.

RUSSIAN, per, Trudy: Vsesoyuznyy Issledovatel'skiy
Institut Veterinarnoy Ektoparazitologii i Sanitarii,
Vol XV, 1959, pp 213-223.

JPRS 4632

153,640

Sci - Biol

Jun 61

Vainshtein, F. M., Shilov, E. A., and Grishin, O. M.
ON THE PROBLEM OF THE HYDROGEN ISOTOPE
EFFECT IN HALOGENATION OF AROMATIC COM-
POUNDS. 1962 [5]p. 14 refs.
Order from OTS or SLA \$1.10

63-13713

Trans. of Vsesoyuz[noe] Khim[icheskoe] Obshchestvo.
Zhurnal (USSR) 1960, v. 5 [no. 1] p. 119-120.

DESCRIPTORS: Isotopes, *Deuterium, *Tritium,
*Halogenation, Phenols, Hydrogen, Amines.

(Chemistry--Organic, ZT, v. 10, no. 1)

63-13713

- I. Vainshtein, F. M.
- II. Shilov, E. A.
- III. Grishin, O. M.
- IV. Translations, New York

Office of Technical Services

61-27043

Avgustinsk, A. I.
CERMETS (Kermety). July 61 [34]p. 79 refs. RTS 1786.
Order from OTS or SLA \$3.60 61-27043

Trans. of Vsesoyuznoe Khimicheskoe Obshchestvo.
Zhurnal (USSR) 1960, v. 5, no. 2, p. 156-168.
Another trans. is available from OTS or SLA \$6.60 as
61-11568, PRS-7201, 29 Nov 60, 62p.

DESCRIPTORS: *Cermets, *Powder metallurgy,
Oxides, Carbides, Borides, Nitrides, Silicides, Pre-
paration, *Ceramic materials.

For abstract see Technical Translations 5: 370, 1961.

(Materials - Ceramics, TT, v. 8, no. 10)

I. Avgustinsk, A. I.
II. RTS-1786
III. Department of Scientific and
Industrial Research
(Gt. Brit.)

Office of Technical Services

Kabanov, V. A. and Zubov, V. P.
NEW ROUTES IN THE SYNTHESIS OF POLYMERS BY
POLYMERIZATION METHODS. [1962] 16p.
Order from ATS \$25.75 ATS-13P63R

Trans. of Vsesoyuznoe Khimicheskoe Obshchestvo.
Zhurnal (USSR) 1962, v. 7, no. 2, p. 131-140.

DESCRIPTORS: Polymers, Synthesis, Polymerization.

(Chemistry--Organic, IT, v. 9, no. 1)

62-34164

I. Kabanov, V. A.
II. Zubov, V. P.
III. ATS-13P63R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

TR Uses HONK Po Quah K him

TT-63-18967

Shtern, V. Ya. and Pollyak, S.
APPLICATION OF THE POLAROGRAPHIC METHOD TO
THE STUDY OF PRECOMBUSTION PROCESSES IN
THE INTERNAL-COMBUSTION ENGINE. [1963] 20p
(figs omitted) 3refs
Order from OTS, SLA, or ETC \$1.60 TT-63-18967

I. Shtern, V. Ya.
II. Pollyak, S.
III. Title: All-Union...

SLA 77-65 1968

Trans. of Trudy Vsesoyuznoi Konferentsii po
Analiticheskoi Khimii [Transactions of the All-Union
Conference on Analytical Chemistry] Moscow, 1943,
v. 2, p. 603-614.

(Machinery--Engines, TT, v. 11, no. 11)

Office of Technical Services

Pipik, O. G.
SULFONE METHOD OF DETERMINATION OF THE
OXIDATION TENDENCY OF OIL PRODUCTS. [1961]
5p. 7 refs.

Order from OTS or SLA \$1.40

61-16895

Trans. of mono. Trudy Vsesoyuznoi Konferentsii po
Analiticheskoi Khimii (Transactions of the All-Union
Conference on Analytical Chemistry) Moscow, 1944, v. 3,
p. 68-73.

DESCRIPTORS: *Oils, *Lubrication, *Hydrocarbons,
Gasoline, Organic compounds, *Oxidation, Reagents,
*Sulfones, Chemical reactions, Determination.

Formation of sulfones by various organic compounds,
including unsaturated hydrocarbons in gasoline and
lubricating oil, can be used as a basis for determination
of the oxidation tendency of the substance under investi-
(Chemistry--Analytical, TT, v. 8, no. 3) (over)

61-16895

I. Pipik, O. G.
II. Title: All-Union...

Office of Technical Services

Chulanovskii, V. M.
APPLICATION OF SPECTRAL METHODS TO ORGANIC
ANALYSIS, PARTICULARLY ANALYSIS OF GASO-
LINES. [1961] 13p.

Order from OTS or SLA \$1.60

61-16900

Trans. of mosco. Trudy Vsesoyuznoi Konferentsii po
Analiticheskoi Khimii (Transactions of the All-Union
Conference on Analytical Chemistry) Moscow, 1944,
v. 3, p. 74-89.

DESCRIPTORS: *Hydrocarbons, Mixtures, *Gasoline,
Ultraviolet spectroscopy, Infrared spectroscopy, Raman
spectroscopy, Absorption spectra, Chemical analysis.

Use of the absorption of ultraviolet light for analysis of
aromatic hydrocarbons is described. The employed
method of visual photometry with the aid of a fluores-
cent screen is very sensitive. This method has been
tested on four-component mixtures. (Author)
(Chemistry--Analytical, TT, v. 18, no. 3)

61-16900

I. Chulanovskii, V. M.
II. Title: All-Union ...

Office of Technical Services

Vol'kenshtein, M. V. and Shorygin, P. P.
ANALYSIS OF LIQUID FUEL BY THE METHOD OF
COMBINATION SCATTERING. [1961] 10p. (1 fig.
omitted) 12 refs.

Order from DTIC or SLA \$1.10

61-16909

Trans. of mono. Trudy Vsesoyuznoi Konferentsii po
Analiticheskoi Khimii (Transactions of the All-Union
Conference on Analytical Chemistry) Moscow, 1944,
v. 3, p. 90-104.

DESCRIPTORS: Liquids, *Fuels, *Gasoline, Raman
spectroscopy, Benzenes, Alkyl radicals, Cyclo-
hexanes, Hexanes, Methyl radicals, Toluenes,
Fractionation, *Hydrocarbons, Decomposition,
Aluminum compounds, Chlorides, Catalysts, Cata-
lysis, Waxes, Chemical analysis, Scattering.

A report of the development of Raman spectroscopy as
(Chemistry-Analytical, TT, v. 8, no. 3) (over)

61-16909

I. Vol'kenshtein, M. V.
II. Shorygin, P. P.
III. Title: All-Union...

Office of Technical Services

Bazhuk, P. A.
APPLICATION OF COMBINATION SCATTERING TO
ANALYSIS OF HYDROCARBON MIXTURES. [1961] 6p.
Order from OTS or SLA \$1.10 61-18155

Trans. of mosk. Trudy Vsesoyuznoi Konferentsii po
Analiticheskoi Khimii (Transactions of the All-Union
Conference on Analytical Chemistry) Moscow, 1961,
v. 3, p. 105-110.

DESCRIPTORS: *Hydrocarbons, Mixtures, *Gasoline,
Raman spectroscopy, Chemical analysis, Scattering,
Benzenes, Cyclohexane, Hexanes, Methyl radicals.

Attempts to develop a quantitative method of determi-
nation of individual components of gasoline based on
Raman spectroscopy are related. When only an ap-
proximate analysis is sufficient, the spectrum of the hy-
drocarbon to be determined is produced on the same
Chemistry-- Analytical, TT, v. 8, no. 3) (over)

61-18155

I. Bazhuk, P. A.
II. Title: All-Union ...

Office of Technical Services

Evaluation Methods and Some Ways for Increasing
the Reliability of Automatic Control Results,
by V. I. Perov, T. D. Zholkover, 8 pp.
RUSSIAN, rpt, Trudy, Vsesoyuznaya Konferentsiya
po Avtomaticheskomu Kontrol'yu i Metodam Elektricheskikh Izmereniy. 5th. Avtomaticheskiy Kontrol'
i Metody Elektricheskikh Izmereniy, 1966,
pp 78-84. P100195468-V
FTD-IT-23-734-67

Sci/Math & Equip
Sept 68

364,948

Effect of Automatic Monitoring and Switchover
Devices on Reliability of Systems with Redundancy,
by T. D. Zholkover.

RUSSIAN, rpt, Vses Konf po Avtomatich Kontrol i
Metodam Elektrich Izmereniy, 6th, 1964. Avtomatich
Kontrol' i Metody Elektrich Izmereniy; Tr Konf.
t. I: Teoriya Izmerit Info Sistem, Novosibirsk,
1966, pp 96-100.

*FTD-HT-23-291-68

Sci-Mlec
Apr 68

The Viscous Properties of Plastic Disperse
Systems and the Wall Slipping Effect, by V. V.
Sinitsyn, 35 pp.

RUSSIAN, monograph, Trudy Vsesoyuznaya
Konferentsiya po Kolloidnoy Khimii, No 3, 1956,
pp 127-143.

SLA 60-13590

Sci

129,407

OTS, Vol 3V, No 3

Sep 60

Works of the All-Union Conference on Medical
Radiology. Experimental Medical Radiology,
277 pp.

RUSSIAN, bk, Trudy Vsesoyuznoy Konferentsii
Meditsinskoy Radiologii, Eksperimental'naya
Meditsinskaya Radiologiya, Moscow, 1957.

ABC Tr 3661

Sci - Med

Oct 59

98,753

(2537-E)

Proceedings of the All-Union Conference on Medical
Radiology (Hygienic and Dosimetric Problems), by
A. A. Letavet, ~~XXXXXXXXXX~~ 154 pp.

RUSSIAN, monograph, Trudy Vses Konferentsiy po Med
Radiologii (Voprosy Gig i Dosimetrii), Moscow,
1957, pp 3-21, 39-65, 79-88, 99-140, 153-157,
165-175, 183-196.

JPRS 747-D

Sci - Med, radiology
Jun 59

89,199

Radioactive Contamination of Fish in Waters Containing
Strontium, by N. M. Surov, 12 pp.

RUSSIAN, U.S. Study Year Conf. on Medit Radiol. Yomrosy
Gigant. 1. Moscow, 1957, pp 66-73.

Att Tr

3746

Sci. Med.

Oct 59

98,898

(2537-D)

Method of Determining Aerosols of Radium in the
Air, by F. K. Levochkin, R. Ya. Zolotuchina, 7 pp.

RUSSIAN, per, Trudy Vses Konf Med Radiol. Voprosy
Gig i Dozimetric, 1957, pp 132-136. 9093889

JPRS 747-D

Sci

HSC 5772 D
(LOAN) NLL REF. 0578.9 1962 (1.304)

On the Development of X-Ray Injuries
to the Skin, by L. A. Afrikanova.

RUSSIAN, rpt, Trudy Vses Conf Patologanatomov
1954, pp 332-337.

NASA TT F-10,630

Sci-Phys
Mar 67

38737

Results of Laboratory Work on Parabiosis, by
L. R. Perelman, 4 pp.

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May 58

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Goroshko, V. D.
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 OF THE HINDERED-SETTLING OF BODIES IN LIQ-
 UIDS) tr. by F. Grosdale. 2 Oct 59, 5p. (3 figs, omit-
 ted) 4 refs. [S-C] trans. no. 0530; [DSIR L.L.U.]
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Methods are described for tagging the particle with a
 radioactive isotope and for recording of the passage of
 the tagged particle.

(Engineering--Mechanical, TT, v. 5, no. 12)

61-13096

1. Coal--Processing
2. Radiotopes--Applications
- I. Goroshko, V. D.
- II. Title: Study...
- III. S-C Trans-0530
- IV. DSIR L.L.U. M. 1765
- V. Simon-Carves Ltd.
 (Gr. Brit.)

166580

Office of Technical Services

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AIR/FTD/HT-23-688-68

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Sensitization of Radiochemical Processes
in Aqueous Solutions, by N. A. Proskurnin,
V. D. Orekhov.

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Exposed to Ionizing Radiation, by

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Action of Nuclear Radiation on Polymer
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Toward the Development of an Integral-Equation
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Nonlinear Problems of Stress Concentration in
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II. DTMB-Trans-320
III. David Taylor Model Basin,
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177-185, 191-203, 271-177, 353-357, 367-375.*

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An Unsteady Thermal-stress for Cylindrical
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Lvov, 1961, 1964, 460 pp.

*FTD-TT-55-2041

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Sci/Eng
Jan 66

63-17091

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A STUDY OF SEIZURE OF STEEL ROLLERS

(Issledovanie Zamedaniya Poverkhnosti Stal'nikh Rolikov) tr. by V. N. Pavloff. 1963, 13p. 5 refs.

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Order from NRCC \$1.00

NRCC C-4318

Trans. of mono. Vsesoyuznaya Konferentsiya po Treniyu i Iznosu v Mashinakh [(no. 3) 1958]. Trudy, v. 1, Moscow, 1960, p. 115-122.

DESCRIPTORS: *Steel, Friction, Welding, Surface properties, Failure (Mechanics), *Lubricants, *Gears.

(Machinery--Machine Parts, TT, v. 9, no. 12)

1. Title: Rolls
2. Title: Seizing
- I. Genkin, M. D.
- II. Kuz'min, N. F.
- III. Misharin, Yu. A.
- IV. NRCC TT-1056
- V. NRCC C-4318
- VI. National Research Council of Canada

Office of Technical Services

63-17092

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A METHOD OF STUDYING LUBRICATING PROPERTIES OF OILS IN A GEAR TEST RIG (Metod Ispytaniya Smazivayushchei Sposobnosti Masel na Shesterenchatn Stende) tr. by V. N. Pavloff. 1963, 10p. 9 refs. NRCC Technical trans. 1057.
Order from NRCC 50.50 NRCC C-4319

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DESCRIPTORS: *Lubrication, *Oils, *Gears, Surface properties, Lubricant additives, Test equipment, Lubricants, Failure (Mechanics), Friction, Welding, Films.

(Machinery - Machine Parts, TT, v. 9, no. 12)

- I. Title: Seizing
- I. Genkin, M. D.
- II. Misharin, Yu. A.
- III. NRCC TT-1057
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- V. National Research Council of Canada

Office of Technical Services

63-17093

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A LABORATORY STUDY OF ANTI-SEIZURE
PROPERTIES OF CERTAIN MATERIALS USED FOR
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dirmoi Stoitkosti Nelitnykh Materialov, Primenyaemykh
v Chervyachnykh Peredachakh) tr. by V. N. Pavloff.
1963, 7p. 4 refs. NRCC Technical trans. 1058.
Order from NRCC: 10.50 NRCC C-4324

Trans. of mono. Vsesoyuznaya Konferentsiya po
Treniyu i Iznosu v Mashinakh [(no. 3) 1958].
Trudy, V. 1 [Moscow] 1960, p. 170-173.

DESCRIPTORS: Materials, Surface properties, *Worm
gears, Friction, Failure (Mechanics), *Steel, *Iron
alloys, Castings, *Bronze, Welding, *Lubricants,
*Gears.

(Machinery--Machine Parts, TT, v. 9, no. 12)

- I. Title: Seizing
- I. Misharin, Yu. A.
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- III. NRCC TT-1058
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- V. National Research
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Sci-Nucl Sci
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Sci - N/P
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PI00063567

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Sci-Phys
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by E. M. Lobanov.

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AEC-tr-6639

CFSTI TT-66-51010

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active Analysis of Especially Cleaned Substances,
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Sci-Phy
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Agrou-Theoretic Method of Differential
Geometric Investigation, by G. F. Laptev, 14 pp.
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Sci - Math & Data Proc
Jun 64

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On One Method of Numerical Solution of Certain Non-
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Mar 64

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Sci - Chem
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Technology, by I. Ya. Klinov, 13 pp.
RUSSIAN, per, Trudy, Vsesoyuznoy Mezhdvuzovskoy
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Sci/Materials
July 68

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Corrosion Control in Petroleum Processing
Industry of Czechoslovak Socialist Republic,
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Konferentsii po Voprosam Bor'by Korrozii,
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Sci - M/ML
Jul 65

Shafranovskii, I. I.
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63-10213

Trans. of Vsesoyuznoe Mineralogicheskoe Obshchestvo,
Zapiski (USSR) 1956, v. 35, no. 4, p. 491-497.

DESCRIPTORS: *Petrology, *Rock (Geology), Struc-
tural properties, *Symmetry (Crystallography),
Crystal structure, Minerals.

(Earth Sciences--Mineralogy, TT, v. 9, no. 12)

63-10213

1. Title: Plutonic rock
1. Shafranovskii, I. I.

Office of Technical Services

Vistellus, A. B.

THE SUB-DIVISION OF FOSSIL-LESS STRATA ON
THE BASE OF QUANTITATIVE MINERALOGICAL,
PETROGRAPHICAL, OR CHEMICAL CHARACTERS
(Raschleniye Nemykh Tolshch po Kolichestvennym
Mineralogicheskim, Petrograficheskim ili
Khimicheskim Priznakam). [1962] [43]p. (foreign text
included) 11 refs.

Order from OTS or SLA \$4.60

62-18525

Trans. of Vsesoyuznoe Mineralogicheskoe Obshchestvo.
Zapiski (USSR) 1957, v. 86, no. 1, p. 99-115.

DESCRIPTORS: Geology, Paleocology, Geochemistry,
*Geological age determination, *Minerals, *Chemical
analysis, *Stratigraphy.

A method is presented which permits a separation of
formations in the layer of a sedimentary stratum ac-
(Earth Sciences--Geology, TT, v. 9, no. 6) (over)

62-18525

I. Vistellus, A. B.

Office of Technical Services

Eliseev, E. N.
X-RAY STUDY OF MINERALS OF THE ISOMORPHOUS
SERIES FORSTERITE-FAYALITE (Rentgenometri-
cheskoe izucheniye mineralov izomorfnoy Ryada
Forsterit-Fayalit). [1962] [39]p. (foreign text included)
19 refs.

Order from OTS or SLA \$3.60

62-14576

Trans. of Vsesoyuznoye Mineralogicheskoye Obshchestvo.
Zapiski (USSR) 1957, v. 86, no. 6, p. 657-670.

DESCRIPTORS: *Minerals, X-rays, Magnesium, Iron,
Chemical analysis, Crystals, Lattices.

In the present article X-ray data are given for mem-
bers of the isomorphous series forsterite-fayalite of
varying composition; by means of these data the com-
position of olivine may be determined. On the basis of
experimental data, regularities of change in the dimen-
(Earth Sciences--Mineralogy, TT, v. 9, no. 1)(over)

62-14576

1. Title: Forsterite
2. Title: Fayalite
3. Title: Olivine
1. Eliseev, E. N.

Office of Technical Services

Kansev, G. P.
THE INVESTIGATIONS OF THE WORKING PROCESSES IN CONDENSERS USING THE METHOD OF HYDRAULIC MODELS OF NESTS OF TUBES
(Issledovaniya Rabochego Protsessov i Kondensatorov Metodim Gidravlicheskogo Modelirovaniya Trubnykh Puchkov) tr. by Morgan. June 59 [19]p. (13 figs. omitted) 3 refs. M 934.
Order from LC or SLA m\$2.40, ph\$3.30 60-13808

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Tekhnicheskoye Obshchestvo Sudostroyeniya
Trudy (USSR) 1955, v. 6, no. 3, p. 50-65.

60-13808

I. Capacitors--Analysis
I. Kansev, G. P.
II. DSIR LLJ M. 934

151766

Office of Technical Services

(Engineering--Electrical, TT, v. 5, no. 9)

60-23035

Rusanova, E. I.
THEORETICAL PRINCIPLES OF LONG-TERM
STRENGTH CALCULATIONS OF COMPONENTS
OPERATING AT HIGH TEMPERATURES (Teoreticheskiye Osnovy Rascheta na Dlitel'nyuyu Prochnost' Detaley Mashin, Robotayushchikh pri Vysokoy Temperaturé). Nov 59 [29]p. (156 equations omitted) 5 refs. MI367.

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Consideration is given to equations of state, determination of the creep modulus $\chi(\sigma; s; \epsilon; \epsilon')$, determination of the after-effect modulus $\chi(\sigma; s; D_s; \chi)$, determination of the stresses, and determination of the conditions of failure.

(Metallurgy, TT, v. 5, no. 3)

1. Metals--Mechanical properties
2. High temperature research
1. Rusanova, E. I.
- II. DSIR LLU M.136

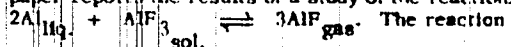
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Semenkovich, S. A.
ALUMINUM MONOFLUORIDE (AlF). [1962] [8]p.
8 refs.
Order from OTS or SLA \$1.10 63-13588

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii
Aluminiyo-Magnitnyi Institut. Trudy (USSR) 1960,
no. 44, p. 113-119.

DESCRIPTORS: *Aluminum compounds, *Fluorides,
Aluminum, Chemical reactions, Hydrogen, Argon,
Enthalpy, Chemical equilibrium, Thermodynamics,
Vapor pressure, Temperature.

The paper reports the results of a study of the reaction:



The reaction was studied by the "transfer" method. Hydrogen, or
in some cases argon, was used as the "carrier" gas.
(Chemistry--Physical, TT, v. 10, no. 5) (over)

63-13588

I. Semenovich, S. A.
II. Translations, New York

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by Heating Ammonium, by V. A. Klementev,
T. A. Shestakova. 2lp.

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Issledovatel'skii Alyuminiev-Magniev
Institut, No 50, 1963, pp 56-65.

SLA TT-66-10254

Sci-M&M

Jul 66

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CRL/T 1950

Sci -
Jul 67

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eering Geology, by G. K. Bondarik, 116 pp.
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Inzheneroi Geologii (Vseringeo), New Series
No 8, 1964.
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Sci-Earth Sci
Mar 68

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Family Cystophoridae fam. nov., Genus *Cystophora*
Yabe et Hayasaka, 1961, Genus *Lonsdaleiastraea*
Gerth, 1921; Excerpts from Rugose Corals and
Stratigraphy of Middle and Upper ~~SS~~ Carboniferous
and Permian Deposits of the Donets Basin, by
V. D. ~~PODOLSKII~~ Pomichev, 121 pp.

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Sci - Geophys

SEP 76

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Spasskii, N.Ya.

RUSSIAN, per, Vsesoyuznyi Neftyanoi Nauchno-
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1955, pp. 91-224

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MFCC C-8344

403-326

Devonian Tetracorals From the Vicinity of the
Kuznets Basin, by E. Z. Bulvanker,

RUSSIAN, per, Trudy Vees ~~Reyn~~ Nauch-Issled
Geol Inst VSEGEI, 1958.

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QE3 E57 No 25

Sci - Geophys
May 61

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